

REMARKS

The Office action mailed on 22 December 2004 (Paper No. 12/2004) has been carefully considered.

The specification and Abstract are being amended to correct minor errors and improve form. Claims 8, 29, 30 and 34 are being canceled without prejudice or disclaimer, and claims 1 thru 7, 9 thru 11, 13 thru 17, 19 thru 28, 31 thru 33 and 35 thru 38 are being amended. Thus, claims 1 thru 7, 9 thru 28, 31 thru 33 and 35 thru 38 are pending in the application.

It is first noted that on 27 February 2002, Applicant made claim for foreign priority under 35 U.S.C. §119 based upon Korean Priority Application No. 2001-42645 filed in the Korean Industrial Property Office on 14 July 2001 and concurrently submitted an original copy of the priority document KR 2001-42645. A copy of the postcard receipt dated 27 February 2002 attesting to the claim for priority and the filing of KR 2001-42645 is attached. Accordingly, acknowledgment of the claim for priority and the filing and receipt of the original copy of the priority document, in writing in the next Office action, is respectfully requested.

In paragraph 1 of the Office action, the Examiner objected to the specification because of a typographical error at line 10 in the Abstract. The Abstract is being

amended to correct that error. Withdrawal of the objection to the specification is respectfully requested.

In paragraph 2 of the Office action, the Examiner objected to a typographical error appearing in claim 16. The phrase “orderednumbers” has been changed to “ordered numbers”. Accordingly, the objection to claim 16 no longer applies, and should be withdrawn.

In paragraph 3 of the Office action, the Examiner rejected claims 1, 2, 8 thru 18, 20 thru 23 and 30 thru 38 under 35 U.S.C. §102 for alleged anticipation by Jain *et al.*, U.S. Patent No. 5,745,126. In paragraph 4 of the Office action, the Examiner rejected claims 3 thru 7, 24 thru 29 under 35 U.S.C. §103 for alleged unpatentability over Jain *et al.* ‘126 in view of Lemons *et al.*, U.S. Patent No. 6,504,479. In paragraph 5 of the Office action, the Examiner rejected claim 19 under 35 U.S.C. §103 for alleged unpatentability over Jain *et al.* ‘126 in view of Sellie Sr., U.S. Patent No. 5,557,553. For the reasons stated below, it is submitted that the invention recited in the claims, as now amended, is distinguishable from the prior art cited by the Examiner so as to preclude rejection under 35 U.S.C. §102 or §103.

Independent claim 1 is being amended to include the recitation from dependent claim 8, which is being canceled. Thus, independent claim 1 recites the security system

as further comprising an alarm sensor for sensing an abnormality of an object to be watched, the main controller transmitting received information of an abnormality signal to the multichannel image driver when the abnormality signal is transmitted, and operating an alarm channel selection mode corresponding to the abnormality signal under control of the multichannel image driver.

On page 4 of the Office action, the Examiner set forth the basis for rejection of claim 8 under 35 U.S.C. §102 by stating that all of the claimed subject matter is disclosed in Jain *et al.* '126, including the alarm sensor sensing an abnormality of an object to be watched. The Examiner stated that the "dynamic object detection for detecting of hazardous event and/or security coverage or security post" is disclosed at column 16, lines 22-25 and column 31, lines 16-18 of Jain *et al.* '126. However, a review of those portions of the disclosure of Jain *et al.* '126 does not reveal a security system having an alarm sensor and a main controller which perform the functions specifically recited in previous claim 8, and now recited in amended independent claim 1. That is to say, Jain *et al.* '126 does not disclose or suggest a main controller which transmits received information of an abnormality signal to the multichannel image driver. In fact, Jain *et al.* '126 does not disclose or suggest, and the Examiner has not defined any element corresponding to, a multichannel image driver which receives information of an abnormality signal from a main controller.

In addition, the invention of claim 1 is distinguishable from Jain *et al.* '126 on the grounds that Jain *et al.* '126 does not disclose or suggest a main controller which operates an alarm channel selection mode corresponding to the abnormality signal under control of a multichannel image driver. More specifically, Jain *et al.* '126 does not disclose, mention or even suggest the establishment of an alarm channel selection mode, or any means by which such a mode would be selected, and does not (as set forth above) even disclose or suggest, and the Examiner has not identified any element in Jain *et al.* '126 corresponding to, a multichannel image driver which controls the operation of the alarm channel selection mode corresponding to the abnormality signal, as recited in amended independent claim 1.

Dependent claim 13 has been amended to appear in independent form, including the recitations from previous independent claim 1. On page 5 of the Office action, the Examiner set forth the basis for rejection of claim 13 under 35 U.S.C. §102, alleging that all of the claimed subject matter, including a photograph direction manipulating key displayed in a direction display window, the window displaying direction guide information guiding a photograph adjust direction when the manipulation key is not selected, is disclosed in Jain *et al.* '126. In that regard, the Examiner stated that "the viewer can manipulate the three-dimensional cursor to mark a point", citing Figures 4 and 6-10 as well as the following parts of the disclosure: column 8, lines 41-67; column 10, lines 31-39; column 22, lines 31-62; and column 38, lines 36-44.

However, none of the portions of the disclosure of Jain *et al.* '126 cited by the Examiner discloses or suggests a multichannel image driver, much less a multichannel image driver having a photograph direction manipulation key displayed as a mark having a predetermined shape on an initial point in a direction display window as recited in the penultimate paragraph of amended claim 13 (corresponding to the first paragraph of previous dependent claim 13). Furthermore, none of the portions of Jain *et al.* '126 cited by the Examiner discloses or suggests a multichannel image driver which displays the mark after moving the mark in the direction display window in accordance with a dragging direction of a computer mouse having a button pressed to select the mark, as well as the outputting of a rotation control signal through a multichannel image processor to at least one photographing device so as to rotate the at least one photographing device according to the movement of the mark, and showing the mark returning to the initial point when the pressed computer mouse button is released, as recited in the last paragraph of amended claim 13. In this regard, it is submitted that amended claim 13 is sufficiently detailed in nature to recite the invention in a manner distinguishable from the generalized disclosure of Jain *et al.* '126, and specifically the very general disclosure set forth in Figures 4 and 6-10, as well as the portions of the text of Jain *et al.* '126 cited at the bottom of page 5 of the Office action.

Dependent claim 14 is also being amended to appear in independent form, including the recitations from previous independent claim 1. Amended claim 14 is

distinguishable from the disclosure of Jain *et al.* '126 by virtue of the recitation of a multichannel image driver (as mentioned above, not disclosed in Jain *et al.* '126) having a next key, the next key being selected to display a succeeding frame and at least one detailed photograph key for adjusting and setting up a detailed function including a photographing pattern of at least one photographing device. Furthermore, Jain *et al.* '126 does not disclose or suggest at least one detailed photograph key which is displayed in at least one manipulation key window, as further recited in amended claim 14. Finally, Jain *et al.* '126 does not disclose or suggest a multichannel image driver which loads and displays the succeeding frame on the display device and processes a function corresponding to a selected key from among the at least one detailed photograph key when the next key is selected, as also recited in amended claim 14.

In rejecting claim 14 (*see* the top of page 6 of the Office action), the Examiner merely stated that all of the claimed subject matter is disclosed in Jain *et al.* '126, but no details were stated in the Office action as to where, in Jain *et al.* '126, the various elements, functions and features recited in claim 14 are to be found. In the absence of specific citation to elements and functions disclosed in Jain *et al.* '126, it must be concluded that amended claim 14 distinguishes the invention from the prior art cited by the Examiner.

Independent claim 23 is being amended to include the recitations from dependent claim 29, which is being canceled. It will be noted that the recitations of dependent claim 29, now added to independent claim 23, correspond to the recitations contained in dependent claim 8 (discussed above relative to the amendment of independent claim 1 to include the recitations from dependent claim 8). Therefore, for the same reasons stated above relative to independent claim 1, amended claim 23 recites the invention in a manner distinguishable from the disclosure of the prior art cited by the Examiner so as to preclude rejection under 35 U.S.C. §102 or §103.

In the latter regard, it is noted that, on page 12 of the Office action, the Examiner merely stated the grounds for rejection of claim 29 under 35 U.S.C. §103 (based on Jain *et al.* '126 in combination with Lemons *et al.* '479) by referring to the rejection of claims 8 and 24. On page 11 of the Office action, the rejection of claim 24 was justified based on the grounds of rejections set forth with respect to independent claim 23, which was rejected under 35 U.S.C. §102 based on Jain *et al.* '126 alone. Thus, with respect to dependent claim 29, the Examiner has not set forth in the Office action any analysis with respect to the application of Lemons *et al.* '479 to previous dependent claim 29. In any event, it is respectfully submitted that neither Jain *et al.* '126 nor Lemons *et al.* '479 contains a disclosure or suggestion of the alarm sensor in combination with the various functions of the main controller set forth in previous dependent claim 29, and now set forth in amended claim 23. For this reason, independent claim 23 and its associated

dependent claims distinguish the invention from the prior art cited by the Examiner so as to preclude rejection under 35 U.S.C. §102 or §103.

Independent claim 31 is being amended to include the recitations from dependent claim 34, which is being canceled. Thus, independent claim 31 now recites the set of instructions as further comprising at least one instruction for performing the displaying of a photograph direction manipulation key and the displaying of a mark after moving the mark in the direction display window, with specific functions and features corresponding to the recitations contained in previously discussed dependent claim 13. Thus, for the reasons previously stated with respect to dependent claim 13 (now amended to appear in independent form), amended independent claim 31 recites the invention in a manner distinguishable from the prior art cited by the Examiner so as to preclude rejection under 35 U.S.C. §102 or §103.

Dependent claim 35 is being amended to appear in independent form, including the recitations from independent claim 31. Thus, amended claim 35 recites the set of instructions as further comprising at least one instruction for displaying a next key, and when a next key is selected, loading and displaying the succeeding frame on the display device and processing a function corresponding to a first detailed key selected from among at least one detailed photograph key. It should be noted that the recitations from previous dependent claim 35, and still included in amended claim 35, correspond to the

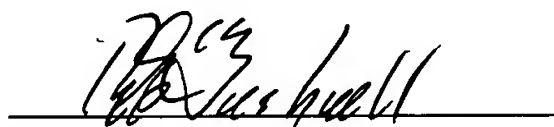
recitations contained in previous dependent claim 14, which is now being amended to appear in independent form, and which was discussed above. Therefore, for the reasons stated above relative to amended claim 14, amended claim 35 recites the invention in a manner distinguishable from the prior art so as to preclude rejection under 35 U.S.C. §102 or §103.

Finally, amended Figures 2 and 6 are being submitted herewith in order to make minor, formal changes. Specifically, reference numeral 20 is being added to Figure 2 so as to be consistent with the specification, while reference numeral 70 is being modified in Figure 6 so as to be consistent with Figure 2. No new matter is being added. Entry of the corrected formal Figures 2 and 6, and the confirmation of that entry in writing in the next Office correspondence are respectfully requested.

In view of the above, it is submitted that the claims of this application are in condition for allowance, and early issuance thereof is solicited. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's attorney.

A fee of \$400.00 is incurred by the addition of two (2) independent claims in excess of total 4. Applicant's check drawn to the order of Commissioner accompanies this Amendment. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "R. E. Bushnell", is written over a horizontal line.

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